

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Page 3, line 19 to page 6, line 8.

In accordance with one embodiment of the disclosed technology, a method of manufacturing a computer system is provided which includes ~~the step of receiving, by an order entry system, an order for a computer system. The method includes the step of generating a hardware list and a software list from the order. The hardware list includes hardware components. The software list includes software components. The method includes verifying that the software components of the software list are compatible with the hardware components of the hardware list and assembling the hardware components designated by the hardware list if such compatibility is verified. The method further includes loading the software components of the software list onto the assembled hardware components if the aforementioned compatibility is found.~~

In accordance with another embodiment of the disclosed technology, a method of manufacturing a computer system is provided which includes ~~the step of receiving, by an order entry system, an order for a computer system. The method includes the step of generating a hardware list and a software list from the order. The hardware list includes hardware components. The software list includes software components. The method includes verifying that the software components of the software list are compatible with each other and assembling the hardware components designated by the hardware list if such compatibility is verified. The method further includes loading the software components of the software list onto the assembled hardware components if the aforementioned compatibility is found.~~

In accordance with yet another embodiment of the disclosed technology, a method of manufacturing a computer system is provided which includes the step of receiving, by an order entry system, an order for a computer system. The method includes the step of generating a hardware list and a software list from the order. The hardware list includes hardware components. The software list includes software components. The method includes verifying that the hardware components of the hardware list are compatible with each other and assembling the hardware components designated by the hardware list if such compatibility is verified. The method further includes loading the software components of the software list onto the assembled hardware components if the aforementioned compatibility is found.

In accordance with this disclosure, a process for manufacturing a computer system, including a selected hardware configuration and a selected software configuration, utilizes a CD-ROM writer connected to a manufacturing system network to select and write a custom software configuration to a CD-ROM. The CD-ROM is used to install the selected software configuration onto a custom hardware configuration and to subsequently serve as a permanent backup copy of the software configuration. The CD-ROM is written with an identifier of the specific computer hardware assembled in the manufacturing process and the identification written to the CD-ROM is checked when the software is loaded from the CD-ROM onto the computer so that the software is only accessible to the specified computer hardware.

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In accordance with this disclosure, a method of configuring software of a computer system includes the step of receiving a customer order for a computer system. The customer order includes a list of hardware configuration components and a list of software configuration components. The method further includes the steps of assembling hardware components designated by the list of hardware configuration components, recording software components designated by the list of software

configuration components on a CD-ROM and loading software components from the CD-ROM onto the assembled hardware components.

In accordance with another embodiment of this disclosure, a method of configuring software of a computer system includes the steps of receiving a customer order for a computer system. The customer order includes a list of hardware configuration components and a list of software configuration components. The method further includes the steps of assembling hardware components designated by the list of hardware configuration components and recording software components designated by the list of software configuration components on a CD-ROM. Software components from the CD-ROM are loaded onto the assembled hardware components, thereby configuring the computer system.

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In accordance with another embodiment of this disclosure, a method of manufacturing a computer system includes the steps of placing an order for a computer system which designates selected hardware components and selected software components and generating a hardware list and a software list from the order. The hardware list is distributed to a hardware assembly line and the software list is distributed to a software assembly system. The method further includes the steps of assembling hardware components designated by the hardware list on the hardware assembly line and recording software components designated by the software list on a CD-ROM using the software assembly system. Software components from the CD-ROM are bootstrapped and loaded onto the assembled hardware components. The software-loaded and assembled hardware components are packaged with documentation and the CD-ROM and shipped to the customer.

In some embodiments, a method also includes the steps of assigning an identification number to the assembled hardware components and storing the identification number in the assembled hardware components. The identification

number is also written to the CD-ROM. A CD-ROM bootstrap process is programmed to compare the identification number written to the CD-ROM with the identification number stored in the assembled hardware components and to complete the bootstrap operation only if the identification numbers match.

AV ~~Page 7, line 9 to page 7, line 12.~~

AV The features of the invention disclosure believed to be novel are specifically set forth in the appended claims. However, the invention disclosure itself, both as to its structure and method of operation, may best be understood by referring to the following description and accompanying drawings.

AV ~~Page 12, line 9 to page 12, line 11.~~

AV The description of certain embodiments of this invention disclosure is intended to be illustrative and not limiting. Numerous other embodiments will be apparent to those skilled in the art, all of which are included within the broad scope of this invention disclosure.

AV ~~Page 19, line 6 to page 19, line 16.~~

A process for manufacturing a computer system, including a selected hardware configuration and a selected software configuration ~~is disclosed~~. An order is placed on an order entry system which generates a hardware list and a software list from the order. In one embodiment, the hardware list is checked to verify that the selected hardware components are compatible with each other. In another other embodiment, the software list is checked to verify that the software components on the list are compatible with one another. In another embodiment, the software and hardware lists are cross checked to verify compatibility of the hardware components

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with the software components. The software components are recorded on a storage device to enable a user to restore the software components at a later time should that ever become necessary.